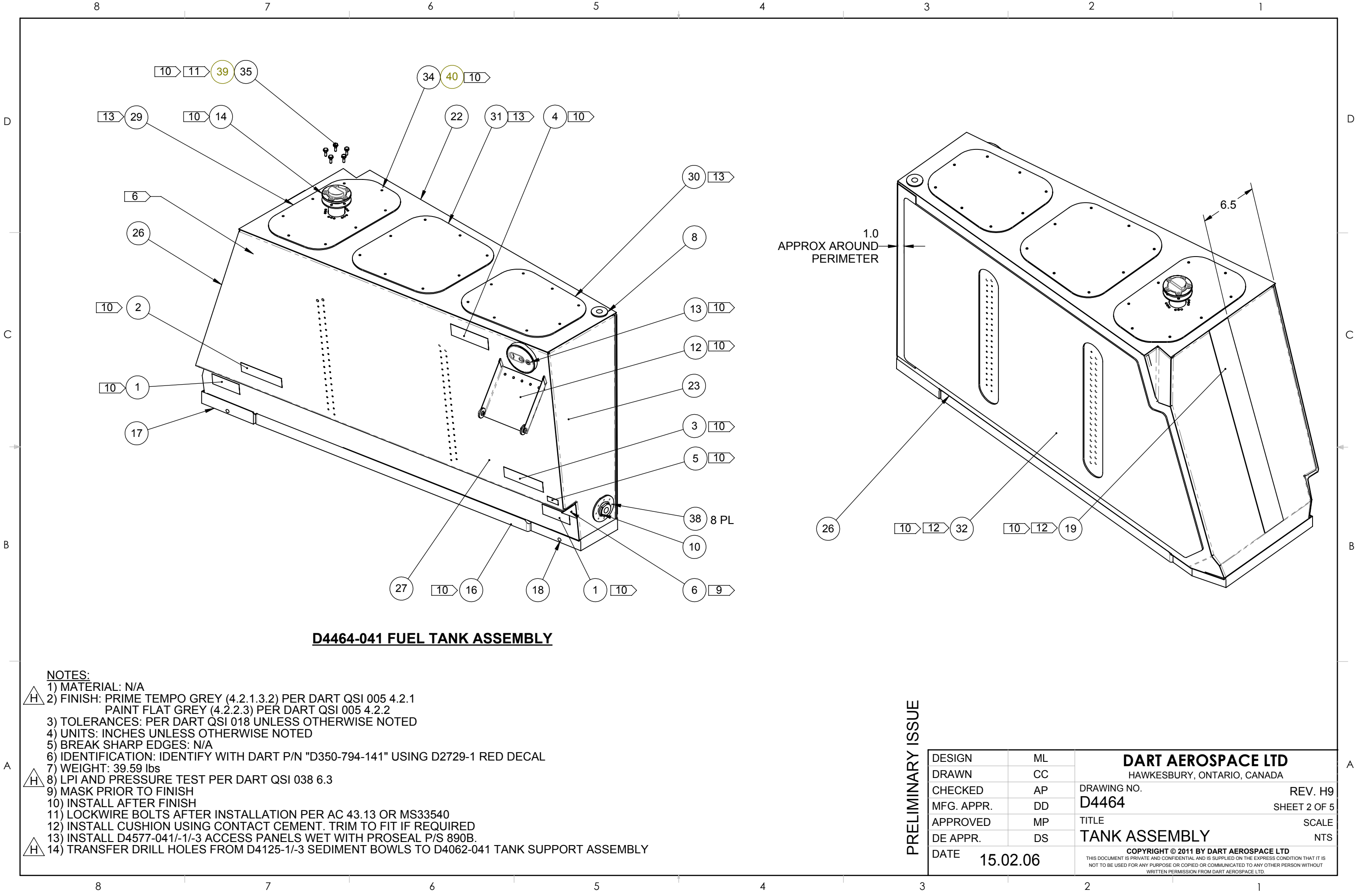


D	ITEM	QTY -041	PART NUMBER	DESCRIPTION	C				
		X	D4464-041	FUEL TANK ASSEMBLY					
	1	2	D3997-5	PLACARD (AUX FUEL DRAIN)					
	2	1	D3997-11	PLACARD (LOADING)					
	3	1	D3997-17	PLACARD (STOWAGE)					
	4	1	D3997-29	PLACARD (WARNING)					
	5	1	D3997-43	PLACARD (EARTH)					
	6	1	D3999-7	CORNER					
	7	1	D4000-1	FITTING					
	8	1	D4000-5	FUEL TANK VENT FITTING					
	9	3	D4000-9	GROMMET					
	10	1	D4000-045	FUEL PICK UP AND STRAINER ASSEMBLY					
	11	1	D4008-11	TANK HINGE HALF					
	12	1	D4008-041	FUEL FILLER SPLASH GUARD ASSEMBLY					
	13	1	D4023-3	FUEL CAP AND FLANGE					
	14	1	D4025-5	FUEL SENDER					
	15	3	D4057-1	RETAINER					
	16	1	D4062-041	TANK SUPPORT					
	17	1	D4125-1	FWD SEDIMENT BOWL					
	18	1	D4125-3	AFT SEDIMENT BOWL					
	19	2	D4404-5	CUSHION, FWD					
	20	1	D4462-1	BAFFLE					
	21	1	D4462-3	BAFFLE					
	22	1	D4463-041	TOP TANK ASSEMBLY					
	23	1	D4463-3	TANK AFT END					
	24	1	D4463-5	TANK UPPER CUT OUT					
	25	1	D4463-7	TANK FORWARD END					
	26	1	D4463-9	TANK BACK					
	27	1	D4463-11	TANK FRONT					
	28	1	D4463-13	TANK BOTTOM					
	29	1	D4577-041	FWD ACCESS PANEL ASSEMBLY					
	30	1	D4577-1	REAR ACCESS PANEL					
	31	1	D4577-3	MIDDLE ACCESS PANEL					
	32	1	D4968-1	CUSHON, SIDE					
	33	1	D4975-1	ANGLE BRACKET					
	34	24	AN3-5A	BOLT					
	35	5	AN3H5A	BOLT					
	36	4	MS20426AD4-4	RIVET, CSK					
	37	165	MS20470AD4-4	RIVET, PANHEAD					
	38	8	MS20470AD4-6	RIVET, PANHEAD					
	39	13	NAS1149D0332J	WASHER					
	40	24	NAS1149D0363J	WASHER					
41	4	MS21042L3	NUT						
42	4	AN3-7A	BOLT						
B	PRELIMINARY ISSUE				H	REPLACED NOTE 8 (SHT 2), ADDED NOTE 14 (SHT2), ADDED AUXILIARY VIEW (SHT 3), ADDED NOTE 15 (SHT 4), REPLACED NOTE 13 (SHT 5), SHT 4 WAS SHT 3, SHT 5 WAS SHT 4, REMOVED D4124-1 TABS, CHEMICAL CONVERSION COAT NOW AFTER WELDING (SHT 5)	CC	15.02.06	
					G	FINISH "FLAT GREY" WAS "GREY" (SHT 2); PICTORIAL UPDATE FOR D4000-1 & D4462-1	AP	14.12.05	
					F	AN3-5A WAS AN3C4A QTY. 24 (ZN D6-2) AN3H5A WAS AN3-5A QTY. 5 (ZN D7-2) MS20470AD4-6 WAS MS20426AD4-6 QTY. 8 (ZN B5-2) D4000-1 IS NO LONGER INSTALLED WITH COUNTERSUNK RIVETS UPDATE NOTE 10 ON SHEET 3	ML	14.06.27	
					E	UPDATED -041 WITH RE-DESIGNED D4463-3/-9/-11 AND D4462-1/-3. D4968-1 REPLACES D4404-5 ON TANK SIDE (ZN C3-2) REF NCR 13-3100 AN3-6A REPLACES MS35206-266 (ZN B8-2) NAS1149D0332J REPLACES 5 X NAS1149D0363J (ZN D7-2) REF PAR 12-217 D4975-1 REPLACES D3999-9 (ZN C3-2) REMOVED TAB D3999-11 AND MOVED D3997-43 PLACARD (ZN B6-5) UPDATED BILL OF MATERIALS REVISED ALL NOTES REMOVED SHEET 5	ML	14.05.13	
					D	ADDED NOTE RE HAND FORMING D4124-1, ZN A8-4.	DC	12.05.02	
					C	UPDATED -041 WITH RE-DESIGNED D4463-11/-13 REV. C PARTS, ZN B6-2. UPDATED -041 WITH RE-DESIGNED D4577-041/-3/-5 PARTS, ZN C6-2.	DC	12.03.27	
					B	UPDATED -041 WITH RE-DESIGNED PARTS. REMOVED D4463-13. ADDED D4577-041/-1/-5 ACCESS PANELS, ZN C6-2.	DC	11.12.14	
					A	NEW ISSUE. REF PAR11-117 & CAR 11-54.	DC	11.10.19	
					REV.	DESCRIPTION		BY	DATE
					DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
					DRAWN	CC			
					CHECKED	AP	DRAWING NO.	REV. H9	
					MFG. APPR.	DD	D4464	SHEET 1 OF 5	
					APPROVED	MP	TITLE	SCALE	
					DE APPR.	DS	TANK ASSEMBLY	NTS	
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8	7	6	5	4	3	2	1
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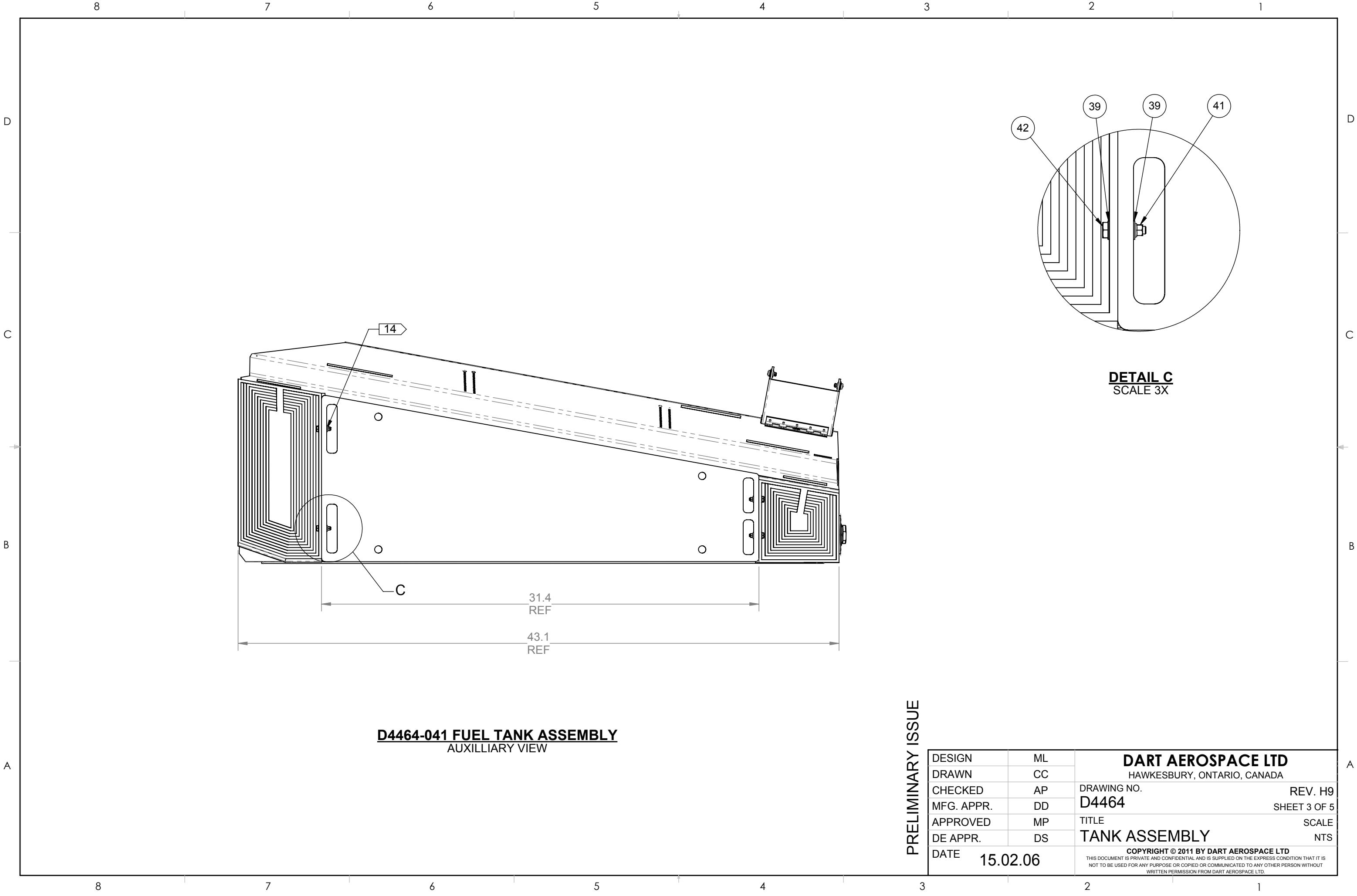
**D4464-041 FUEL TANK ASSEMBLY**

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: PRIME TEMPO GREY (4.2.1.3.2) PER DART QSI 005 4.2.1  
PAINT FLAT GREY (4.2.2.3) PER DART QSI 005 4.2.2
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D350-794-141" USING D2729-1 RED DECAL
- 7) WEIGHT: 39.59 lbs
- 8) LPI AND PRESSURE TEST PER DART QSI 038 6.3
- 9) MASK PRIOR TO FINISH
- 10) INSTALL AFTER FINISH
- 11) LOCKWIRE BOLTS AFTER INSTALLATION PER AC 43.13 OR MS33540
- 12) INSTALL CUSHION USING CONTACT CEMENT. TRIM TO FIT IF REQUIRED
- 13) INSTALL D4577-041/-1/-3 ACCESS PANELS WET WITH PROSEAL P/S 890B.
- 14) TRANSFER DRILL HOLES FROM D4125-1/-3 SEDIMENT BOWLS TO D4062-041 TANK SUPPORT ASSEMBLY

PRELIMINARY ISSUE

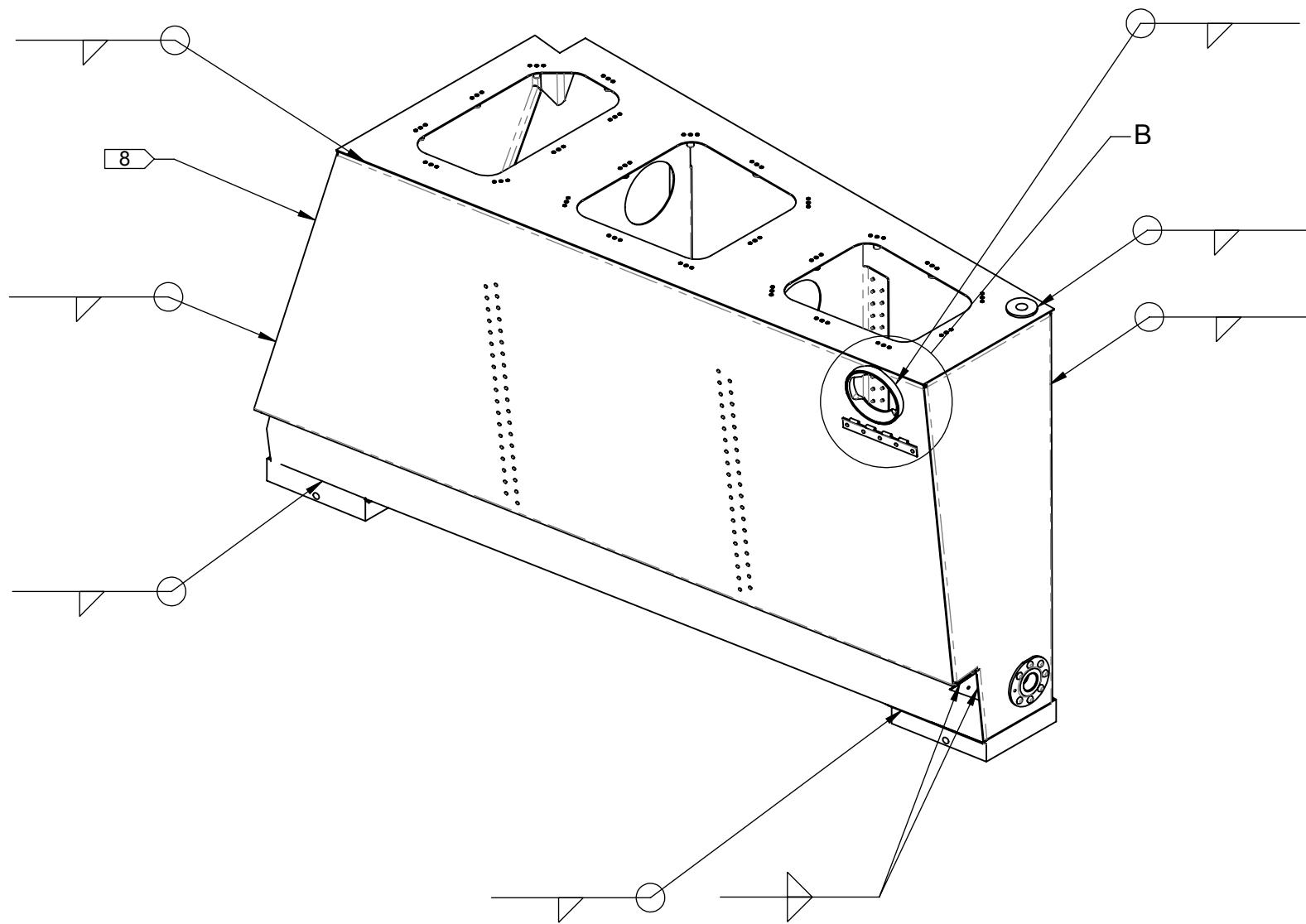
DESIGN	ML	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	CC		
CHECKED	AP	DRAWING NO.	REV. H9
MFG. APPR.	DD	<b>D4464</b>	SHEET 2 OF 5
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	<b>TANK ASSEMBLY</b>	NTS
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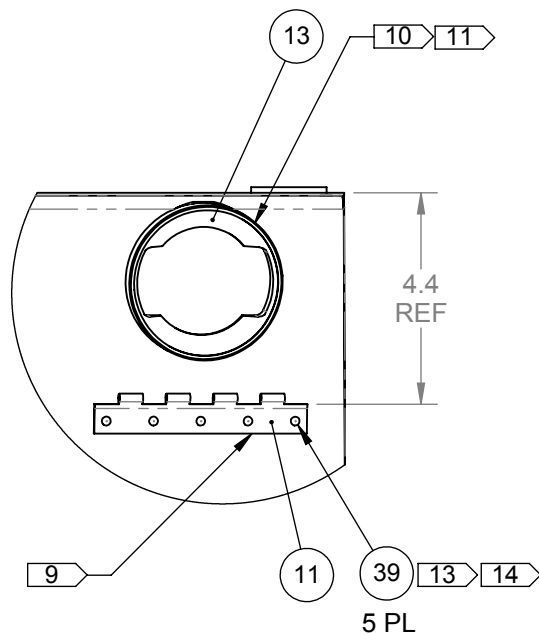
PRELIMINARY ISSUE

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MFG. APPR.	DD		SHEET 3 OF 5
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DE APPR.	DS		NTS
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**D4464-041 FUEL TANK ASSEMBLY**  
WELDING AND RIVETING DETAIL



**DETAIL B**  
ROTATED FOR CLARITY  
SCALE 2X

**NOTES:**

- 1) MATERIAL: N/A  
2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1  
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
4) UNITS: INCHES UNLESS OTHERWISE NOTED  
5) BREAK SHARP EDGES: N/A  
6) IDENTIFICATION: N/A  
7) WEIGHT: N/A  
8) TRIM FLANGES AS REQUIRED TO FIT ASSEMBLY  
9) CENTER HINGE BELOW FUEL CAP FLANGE  
10) POSITION FUEL CAP FLANGE AS SHOWN, ELONGATED HOLE APPROXIMATELY HORIZONTAL  
11) POSITION FUEL CAP FLANGE SO THAT INNER FACE IS FLUSH WITH INSIDE OF TANK  
12) WELD PER DART QSI 004  
13) COAT FAYING SURFACES OF D4008-11 TANK HINGE HALF AND D4463-11 TANK FRONT WITH PROSEAL P/S 890B AND WET INSTALL MS20470AD4-4 RIVETS  
14) DOME SEAL ALL BUCKED ENDS OF RIVETS WITH PROSEAL P/S 890B

PRELIMINARY ISSUE

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MFG. APPR.	DD	<b>D4464</b>	SHEET 5 OF 5
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	<b>TANK ASSEMBLY</b>	NTS
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